

IN THE CLAIMS:

1. (Currently amended) A light control film having a rough surface, wherein the rough surface has satisfies, for an arbitrary cross section perpendicular to a base plane of the film, an a condition that average (θ_{ave} , degree) of absolute values of slope, with respect to the base plane of a profile curve along the edge of the cross section contoured by the rough surface, is not less than 20 degrees and not more than 75 degrees, and

wherein substantially all profile curves have an absolute value of skewness, according to (JIS B0601:2001), of the profile curve is not more than 1.2 for substantially any profile curve.

2. (Currently amended) A light control film having a rough surface formed by a patterned layer comprising a material having a refractive index n ,

wherein the rough surface has satisfies, for an arbitrary cross section perpendicular to a base plane of the film, an a condition that average (θ_{ave} , degree) of absolute values of slope, with respect to the base plane of a profile curve along the edge of the cross section contoured by the rough surface, is not less than $(36 - 10n)$ degrees and not more than $(86 - 10n)$ degrees, and

wherein substantially all profile curves have an absolute value of skewness, according to (JIS B0601:2001), of the profile curve is not more than $(n - 0.4)$ for substantially any profile curve.

3. (Currently amended) A light control film having a rough surface,

wherein the rough surface has satisfies, for an arbitrary cross section perpendicular to a base plane of the film, an a condition that average (θ_{ave} , degree) of absolute values of slope, with respect to the base plane of a profile curve along the edge of the cross section contoured by the rough surface, is not less than 20 degrees and not more than 75 degrees, and

wherein substantially all profile curves have a kurtosis, according to (JIS B0601:2001), of the profile curve is not less than 1.5 and not more than 5.0 for substantially any profile curve.

4. (Currently amended) A light control film having a rough surface formed by a patterned layer comprising a material having a predetermined refractive index of n ,

_____ wherein the rough surface has satisfies, for an arbitrary cross section perpendicular to a base plane of the film, an a condition that average (θ_{ave} , degree) of absolute values of slope, with respect to the base plane of a profile curve along the edge of the cross section contoured by the rough surface, is not less than $(36 - 10n)$ degrees and not more than $(86 - 10n)$ degrees, and
_____ wherein substantially all profile curves have a kurtosis, according to (JIS B0601:2001), of the profile curve is not less than 1.5 and not more than $(10n - 11)$ for substantially any profile curve.

5. (Currently amended) A light control film having a rough surface, _____ wherein the rough surface has satisfies, for an arbitrary cross section perpendicular to a base plane of the film, a condition that ratio ($L_r = L_2/L_1$, wherein) of a length (L_2) is length of a profile curve along the edge of the cross section contoured by the rough surface and to a length (L_1) is length of a straight line defined as an intersection of the base plane and the cross section, and wherein the ratio is $1.1 \leq L_r \leq 1.8$, and

_____ wherein substantially all profile curves have an absolute value of skewness, according to (JIS B0601:2001), of the profile curve is not more than 1.2 for substantially any cross section.

6. (Currently amended) A light control film having a rough surface formed by a patterned layer comprising a material having a refractive index n , _____ wherein the rough surface has satisfies, for an arbitrary cross section perpendicular to a base plane of the film, a condition that ratio ($L_r = L_2/L_1$, wherein) of a length (L_2) is length of a profile curve along the edge of the cross section contoured by the rough surface and to a length (L_1) is length of a straight line defined as an intersection of the base plane and the cross section, and wherein the ratio is $(1.9 - 0.5n) \leq L_r \leq 1.8$, and

wherein substantially all profile curves have an absolute value of skewness, according to (JIS B0601:2001,) of the profile curve is not more than $(n - 0.4)$ for substantially any cross section.

7. (Currently amended) A light control film having a rough surface, wherein the rough surface has satisfies, for an arbitrary cross section perpendicular to a base plane of the film, a condition that ratio $(L_r = L_2/L_1)$, wherein of a length (L_2) is length of a profile curve along the edge of the cross section contoured by the rough surface and to a length (L_1) is length of a straight line defined as an intersection of the base plane and the cross section, and wherein the ratio is $1.1 \leq L_r \leq 1.8$, and

wherein substantially all profile curves have a kurtosis, according to (JIS B0601:2001) of the profile curve is not less than 1.0 and not more than 4.5 for substantially any cross section.

8. (Currently amended) A light control film having a rough surface formed by a patterned layer comprising a material having a refractive index n , wherein the rough surface has satisfies, for an arbitrary cross section perpendicular to a base plane of the film, a condition that ratio $(L_r = L_2/L_1)$, wherein of a length (L_2) is length of a profile curve along the edge of the cross section contoured by the rough surface and to a length (L_1) is length of a straight line defined as an intersection of the base plane and the cross section, and wherein the ratio is $(1.9 - 0.5n) \leq L_r \leq 1.8$, and

wherein substantially all profile curves have a kurtosis, according to (JIS B0601:2001,) of the profile curve is not less than 1.0 and not more than $(10n - 11.5)$ for substantially any cross section.

9. (Currently amended) A backlight unit comprising a light guide plate and equipped with a light source directed toward for at least one edge of the light guide plate, the light guide plate end portion thereof and having a light emergent surface approximately perpendicular to the direction of the light source toward the at least one edge end portion, and a light control film

according to claim 1 provided on the light emergent surface of the light guide plate.

10. (Currently amended) The backlight unit according to claim 9, further comprising wherein a prism sheet is used between the light control film and the light guide plate.

11. (Previously presented) A backlight unit comprising a light source, a light diffusive plate provided on one side of the light source and a light control film according to claim 1 provided on the side of the light diffusive plate opposite to the light source side.

12. (Currently amended) A backlight unit comprising a light guide plate and equipped with a light source directed toward for at least one end edge of the light guide plate, the light guide plate end portion thereof and having a light emergent surface approximately perpendicular to the direction of the light source toward the at least one edge end portion, and a light control film according to claim 2 provided on the light emergent surface of the light guide plate.

13. (Currently amended) A backlight unit comprising a light guide plate and equipped with a light source directed toward for at least one edge of the light guide plate, the light guide plate end portion thereof and having a light emergent surface approximately perpendicular to the direction of the light source toward the at least one edge end portion, and a light control film according to claim 3 provided on the light emergent surface of the light guide plate.

14. (Currently amended) A backlight unit comprising a light guide plate and equipped with a light source directed toward for at least one edge of the light guide plate, the light guide plate end portion thereof and having a light emergent surface approximately perpendicular to the direction of the light source toward the at least one edge end portion, and a light control film

according to claim 4 provided on the light emergent surface of the light guide plate.

15. (Currently amended) A backlight unit comprising a light guide plate and equipped with a light source directed toward for at least one edge of the light guide plate, the light guide plate end portion thereof and having a light emergent surface approximately perpendicular to the direction of the light source toward the at least one edge end portion, and a light control film according to claim 5 provided on the light emergent surface of the light guide plate.

16. (Currently amended) A backlight unit comprising a light guide plate equipped with a light source directed toward for at least one edge of the light guide plate, the light guide plate end portion thereof and having a light emergent surface approximately perpendicular to the direction of the light source toward the at least one edge end portion, and a light control film according to claim 6 provided on the light emergent surface of the light guide plate.

17. (Currently amended) A backlight unit comprising a light guide plate equipped with a light source directed toward for at least one edge of the light guide plate, the light guide plate end portion thereof and having a light emergent surface approximately perpendicular to the direction of the light source toward the at least one edge end portion, and a light control film according to claim 7 provided on the light emergent surface of the light guide plate.

18. (Currently amended) A backlight unit comprising a light guide plate equipped with a light source directed toward for at least one edge of the light guide plate, the light guide plate end portion thereof and having a light emergent surface approximately perpendicular to the direction of the light source toward the at least one edge end portion, and a light control film according to claim 8 provided on the light emergent surface of the light guide plate.